

SOUTH DAKOTA WEEKLY CROP-WEATHER REPORT

 SOUTH DAKOTA
FIELD OFFICE
NATIONAL AGRICULTURAL
STATISTICS SERVICE
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Cooperating with
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE
and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

Released: June 5, 2006 -- 3:00 p.m. CST
For Week Ending June 4, 2006
SD-CW5522 Volume 55 Issue 22

AGRICULTURAL SUMMARY: Temperatures were above normal across the state again last week. Precipitation amounts were greatest in western areas, while many eastern areas saw substantial rainfall as well. The warm weather enhanced row crop development, while pushing small grain development ahead of normal. Major farm activities last week included spraying/cultivating corn, cutting hay, and planting row crops. There were 6.5 days reported suitable for fieldwork across the state

This report is based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

WEATHER INFORMATION: Average temperatures last week ranged from 2 to 10 degrees above normal. The high temperature for the week was 100 degrees, reported in Yankton, while the low temperature for the week was 36 degrees, reported in Custer and Porcupine. Precipitation totals ranged from 0 inch in Clear Lake, Chamberlain, and Winner to 1.3 inches in Buffalo.

SOIL CONDITION: While much of the state received scattered precipitation last week, topsoil and subsoil moisture levels continue to be stressed. Topsoil moisture levels fell from 56 percent adequate to surplus the previous week, to 48 percent adequate to surplus last week. Subsoil moisture levels fell 5 percentage points in the adequate to surplus categories, with a current rating of 53 percent adequate to surplus.

FIELD CROPS REPORT: Another week of warm, dry weather helped row crop development continue ahead of both last year and the five-year average. Corn emergence is up to 90 percent complete for the state, compared to the five-year average of 81 percent. Average corn height has doubled to 6 inches, with 44 percent of the crop cultivated or sprayed once, ahead of the five-year average of 25 percent. Soybean planting has increased to 90 percent, ahead of the 82 percent five-year average. Fifty-seven percent has emerged, ahead of last year's 32 percent. Sorghum planting is at 70 percent, while emergence is at 35 percent, both above the five-year averages. Winter wheat headed is rated at 67 percent, ahead of last year's 41 percent and the average 31 percent. Barley, oats, and spring wheat in the boot stage are also ahead of last year's progress and the five-year average.

LIVESTOCK, PASTURE, AND RANGE REPORT: Cattle and sheep remain in mostly good to excellent condition. Range and pasture conditions have diminished across the state, as 89 percent of cattle have been moved to pastures. Stock water supplies have continued to decrease, with 63 percent now rated in adequate to surplus supply. First cutting of alfalfa hay has increased to 38 percent of the acreage cut.

FEED AND WATER SUPPLIES COMPARISON AS OF JUNE 4, 2006

RATING	FEED SUPPLIES			STOCK WATER SUPPLIES		
	This	Last	5-Yr.	This	Last	5-Yr.
	Year	Year	Ave.	Year	Year	Ave.
Percent						
Very Short	4	7	9	13	11	13
Short	24	12	20	24	20	21
Adeq.	69	75	67	58	64	61
Surplus	3	6	4	5	5	5

SOIL MOISTURE CONDITION COMPARISON AS OF JUNE 4, 2006

RATING	TOPSOIL			SUBSOIL		
	This	Last	Last	This	Last	Last
	Week	Week	Year	Week	Week	Year
Percent						
Very Short	22	16	2	22	19	4
Short	30	28	6	25	23	15
Adeq.	45	48	75	47	50	71
Surplus	3	8	17	6	8	10

CROP AND LIVESTOCK CONDITIONS AS OF JUNE 4, 2006

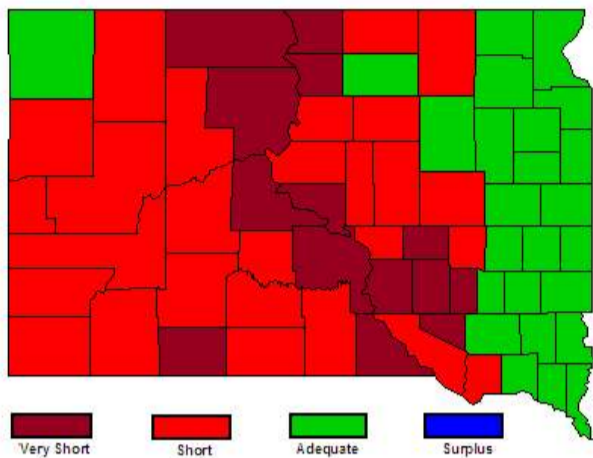
ITEM	V	POOR	POOR	FAIR	GOOD	EXCEL
Percent						
Winter Wheat	20	24	31	20	5	
Spring Wheat	12	15	36	32	5	
Barley	8	13	33	42	4	
Oats	9	16	33	39	3	
Corn	1	4	25	58	12	
Soybeans	1	2	27	63	7	
Cattle	0	1	15	66	18	
Sheep	0	1	12	65	22	
Range & Pasture	7	19	29	38	7	

CROP PROGRESS AS OF JUNE 4, 2006 1/

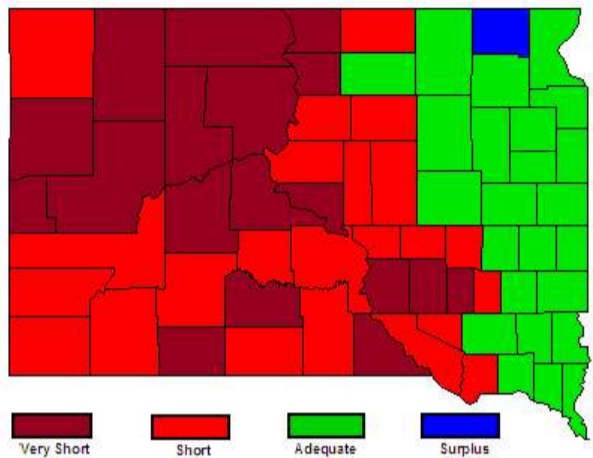
ITEM	This Week	Last Week	Last Year	5-Yr. Ave.
Percent				
Barley boot	24	4	11	11
Spring wheat boot	43	5	32	22
Oats boot	35	4	19	18
Corn emerged	90	69	82	81
ave.height (in.)	6	3	5	4
1 st cult./sprayed	44	14	29	25
Sorghum seeded	70	44	44	48
emerged	35	13	11	8
Soybeans planted	90	77	77	82
emerged	57	26	32	40
Sunflower seeded	51	26	33	38
Winter wheat boot	95	87	89	77
headed	67	18	41	31
Alfalfa 1 st cutting	38	12	9	12
Other hay cut	10	2	1	2

1/ Percents represent all acreage in or beyond each stage.

TOPSOIL MOISTURE
 As of Sunday, June 4, 2006



SUBSOIL MOISTURE
 As of Sunday, June 4, 2006



TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAYS
 WEEK ENDING SUNDAY, June 4, 2006

Dist.	Station	Temperature Past Week				Precipitation					Growing Degree Days		
		Average	Departure from Normal	High	Low	Total			Departure from Normal		Accum. Total	Departure from Normal	
						Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 1	Since Apr. 1			Since Apr. 1
----- Degrees -----													
NW	Bison	66	5	89	45	0.60	4.57	2.36	-2.81	-3.06	494	202	
	Buffalo	63	3	86	42	1.30	3.77	3.21	-1.76	-1.14	431	166	
	Dupree	67	5	93	42	0.52	4.09	2.28	-2.94	-3.06	508	164	
	McIntosh	68	7	95	47	0.30	2.94	1.88	-3.41	-3.00	525	212	
	Newell	62	3	89	43	1.01	8.22	6.78	2.01	2.07	428	149	
	Timber Lake	67	6	91	48	0.09	2.98	1.75	-4.41	-3.68	475	139	
NC	Aberdeen	69	7	92	43	0.01	5.67	4.63	-1.26	-0.12	474	117	
	Eureka	69	9	93	46	0.21	3.55	2.92	-2.67	-1.72	536	232	
	Faulkton	70	8	93	46	0.11	3.37	1.98	-3.95	-3.24	501	176	
	Mobridge	70	8	96	46	0.15	2.01	1.48	-4.98	-3.61	570	227	
	Roscoe	69	7	92	50	0.77	4.31	3.57	-2.96	-1.78	407	71	
NE	Britton	72	10	89	53	0.20	6.49	4.78	-0.21	-0.21	554	178	
	Clear Lake	70	7	93	50	0.00	7.49	5.36	-1.13	-0.35	431	74	
	Sisseton	70	8	96	49	0.42	7.38	5.81	-0.62	0.24	482	89	
	Webster	70	8	91	54	0.22	8.78	7.31	1.38	2.20	463	112	
	Watertown	70	8	92	48	0.13	5.62	4.40	-2.57	-1.26	459	116	
WC	Faith	67	5	91	47	0.41	2.87	1.42	-4.29	-3.93	520	183	
	Milesville	67	5	92	45	0.63	4.24	2.59	-3.32	-3.05	531	149	
	Long Valley	67	5	92	43	0.34	4.21	2.42	-2.95	-2.87	558	191	
	Philip	67	4	93	44	0.45	4.09	2.03	-2.47	-2.89	537	147	
	Rapid City	64	4	87	44	0.96	5.46	3.92	-1.45	-1.05	493	219	
	Spearfish	64	5	84	40	0.84	9.05	6.92	-0.82	-0.16	459	205	
C	Chamberlain	70	6	96	47	0.00	4.56	2.04	-2.56	-3.31	552	105	
	Highmore	69	7	94	46	0.38	5.16	3.84	-2.34	-1.59	580	202	
	Huron	69	7	92	44	0.10	4.32	3.49	-3.83	-1.91	522	146	
	Onida	70	7	96	45	1.10	4.99	3.07	-2.42	-2.01	530	134	
	Pierre	70	7	94	50	0.74	3.02	1.56	-4.42	-3.84	604	207	
EC	Brookings	70	9	94	49	0.33	7.02	5.00	-0.49	-0.53	434	134	
	Madison	70	8	94	49	0.36	6.12	4.32	-2.79	-1.48	483	133	
	Mitchell	71	6	94	51	0.23	7.40	4.95	-1.29	-1.11	503	55	
	Sioux Falls	71	7	94	49	0.23	10.93	7.41	2.15	1.42	556	158	
SW	Custer	56	2	81	36	2.09	7.22	4.61	-0.02	-0.75	219	94	
	Hot Springs	63	2	91	40	0.34	6.20	2.65	-0.14	-2.20	491	139	
	Oelrichs	64	2	91	40	1.07	7.21	4.58	-0.04	-0.75	448	92	
	Porcupine	64	2	91	36	0.23	7.68	4.59	1.31	-0.30	476	148	
SC	Murdo	69	7	93	51	0.25	5.81	2.85	-1.82	-2.52	574	219	
	Winner	71	6	92	52	0.00	6.16	3.28	-3.62	-3.67	688	187	
SE	Armour	71	6	92	49	0.08	5.81	3.88	-3.10	-2.15	645	159	
	Centerville	73	9	97	47	1.28	8.68	6.28	-0.36	0.02	596	160	
	Marion	72	8	95	51	0.24	8.54	5.50	-0.61	-0.66	517	114	
	Pickstown	70	6	96	50	0.49	8.14	4.99	-0.17	-0.83	586	146	
	Vermillion	76	9	98	51	0.33	9.12	6.02	-0.03	-0.50	754	199	
	Yankton	73	9	100	49	0.55	10.92	6.22	2.19	0.00	634	180	

SOURCE: National Weather Service, provided by AWIS, Inc.